



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC: Your Key to Defense Technical Information

November 18, 2008

**Helen Q. Sherman
Director, User Services**

Report Documentation Page			Form Approved OMB No. 0704-0188	
<p>Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.</p>				
1. REPORT DATE NOV 2008	2. REPORT TYPE N/A	3. DATES COVERED -		
4. TITLE AND SUBTITLE DTIC: Your Key to Defense Technical Information			5a. CONTRACT NUMBER	
			5b. GRANT NUMBER	
			5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)			5d. PROJECT NUMBER	
			5e. TASK NUMBER	
			5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) DTIC			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)			10. SPONSOR/MONITOR'S ACRONYM(S)	
			11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release, distribution unlimited				
13. SUPPLEMENTARY NOTES See also ADM202819. Acquisition and Life Cycle Management Symposium: Rapid Access to Technical Information Supporting Defense Acquisition held in Huntsville, Alabama on 18-19 November 2008, The original document contains color images.				
14. ABSTRACT				
15. SUBJECT TERMS				
16. SECURITY CLASSIFICATION OF: a. REPORT b. ABSTRACT c. THIS PAGE unclassified unclassified unclassified			17. LIMITATION OF ABSTRACT SAR	18. NUMBER OF PAGES 105
19a. NAME OF RESPONSIBLE PERSON				



How can DTIC assist the acquisition community?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC's Mission:

Provide essential, technical research, development, testing and evaluation (RDT&E) information rapidly, accurately and reliably to support our DoD customers' needs.

RDT&E is vital to Defense Acquisitions.



GAO Report: GA-08-467SP

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

GAO

United States Government Accountability Office
Report to Congressional Committees

March 2008

DEFENSE ACQUISITIONS

Assessments of Selected Weapon Programs



GAO-08-467SP



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- GAO's sixth annual assessment of selected weapon systems
- 72 programs assessed, most major defense acquisitions programs (MDAP) - those identified by DoD as requiring total research, development, test, & evaluation (RDT&E) of more than \$365M or \$2.19B*
- Programs selected for factors including dollar value, acquisition stage, & congressional interest



GAO's Analysis

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Total acquisition costs for FY07 of major defense acquisition programs increased 26%
- **Total RDT&E costs for FY07 programs increased by 40% from first estimates**
- Current programs experiencing average delay of 21 months in delivering initial capabilities to the warfighter
- Results in warfighters operating legacy systems, finding alternatives to fill capability gaps, or going without capability



GAO Report: GAO-08-619

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

GAO

United States Government Accountability Office

Report to the Committee on Armed
Services, U.S. Senate

July 2008

DEFENSE ACQUISITIONS

A Knowledge-Based
Funding Approach
Could Improve Major
Weapon System
Program Outcomes



GAO-08-619



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

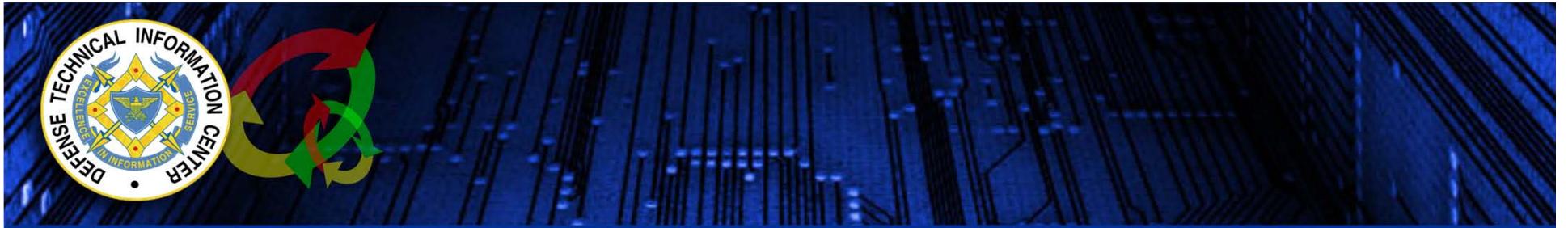
- Reason for study: DoD's cost to develop and procure major weapon systems to total \$1.6T.
“Yet DoD programs often experience poor outcomes - like increased costs and delayed fielding of needed capabilities to the warfighter.”
- Findings include: “DoD often underestimates development costs – due in part to a lack of knowledge and optimistic assumptions about requirements and critical technologies.”



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

GAO conducted a more detailed analysis for five programs:

1. Global Hawk
2. Joint Strike Fighter (JSF)
3. Future Combat System (FCS)
4. Warfighter Information Network-Tactical (WIN-T)
5. Multi-mission Maritime Aircraft (MMA)



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

How can DTIC help you find technical information on these and other topics?



Technical Reports (TRs)

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Technical Report (or scientific report)

- Describes the process, progress, or results of technical or scientific research, or explains the state of a technical or scientific research problem.
- Major source of scientific & technical information on a variety of projects
e.g., DTIC's TRs have wide range from social, cultural issues to MRAPs.



Technical or Tech Reports

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Published by organizations, often without commercial editing and printing
- Prepared for internal or wider distribution – with distribution determined by the controlling agency
- Reviewed by the originating organization but usually do not undergo the comprehensive peer review of scientific literature in journals.
- Prepared for sponsors of research projects.
e.g., Requirement of DoD-funded research.



Tech Reports

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Published in hardcopy or electronic
 - e.g., DTIC's TRs are now submitted electronically, some with color graphics, and are available as PDFs
- Collected in a formal series and assigned an identifier or report number.
 - e.g., DTIC reports have AD #s
AD-123456, ADA, ADB, ADC



DTIC Online - Public

Bookmark: <http://www.dtic.mil>

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC® Online
Information for the Defense Community

Home | Site Map | Contact Us

Search: Technical Reports "golden hawk" GO More Search Options i

S&T Resources: DoD Sites & Collections, Technical Reports, DTIC Web Site, MultiSearch

Registration, DTIC A-Z, Submit Documents, Interest Areas, Customer Support

Font size: A A

Provider of DoD Technical Information to Support the Warfighter

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today.

[Read more ..](#)

Quick Links

Announcements

Feedback


Heterogeneous Urban RSTA Team:
The Heterogeneous Urban RSTA Team (HURT) initiative is developing integrated tactical planning and battle management systems for heterogeneous collections of unmanned platforms ... [Full Story PDF](#)

Need Support? Contact Us

Registration at DTIC

Browse DTIC A-Z

Interest Areas

Search DTIC Collections

Aquisition and Life Cycle Management Symposium
November 18-19, 2008
Huntsville, Alabama



DEFENSE TECHNICAL INFORMATION CENTER
8725 John J. Kingman Road, Fort Belvoir, VA 22060-6218

No Fear Act | Privacy Act | Web Accessibility | FOIA | Contact Us
Site Map | Registration | DTIC A-Z | Submit Documents | Interest Area | Customer Support | S&T Resources
Announcements | Forms & Guides | IACs | Find It | About Us | USA.gov





Select: Search DTIC TR Collection (Only one click away)

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



Information for the Defense Community

[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#) [Registration](#) [DTIC A-Z](#) [Submit Documents](#) [Interest Areas](#) [Customer Support](#)

Search **DoD Sites & Collections**

GO

More Search Options

i

[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

Font size: **A** **A**

Provider of DoD Technical Information to Support the Warfighter

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today.

[Read more](#)

Quick Links

- [Directions to DTIC](#)
- [DTIC Hosted Sites](#)
- [DTIC Online Navigation Guide](#)
- [Employment](#)
- [How Do I?](#)
- [MultiSearch](#)
- [Training](#)
- [Technical Reports \(formerly Public STINET\)](#)

Announcements

[Feedback](#)



Heterogeneous Urban RSTA Team:

The Heterogeneous Urban RSTA Team (HURT) initiative is developing integrated tactical planning and battle management systems for heterogeneous collections of unmanned platforms ... [Full Story](#)

**Need Support?
Contact Us**



**Registration
at DTIC**



**Browse
DTIC A-Z**



Interest Areas



**Search
DTIC Collections**



Acquisition and Life Cycle Management Symposium
November 18-19, 2008
Huntsville, Alabama



DEFENSE TECHNICAL INFORMATION CENTER
8725 John J. Kingman Road, Fort Belvoir, VA 22060-6218

[No Fear Act](#) | [Privacy Act](#) | [Web Accessibility](#) | [FOIA](#) | [Contact Us](#)





Public Technical Reports (TRs)

(Simple, Quick, Guided Advanced Searches)

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC® Online
Information for the Defense Community

Home | Site Map | Contact Us

Home Registration DTIC A-Z Submit Documents Interest Areas Customer Support

Search DoD Sites & Collections GO More Search Options i

S&T Resources Announcements Forms & Guides IACs Find It About Us

You are here: Home > search > tr

Font size: A A

Public Technical Reports
(Simple Search)

Search Tips PDF Boolean Change

Perform a simple search of DTIC's Technical Reports Collection

Search for: "golden hawk"

Search Clear Query

Limit search to technical reports with Full Text links available:

Quick Search Guided Search Advanced Search

This site is best viewed with "JavaScript" enabled.

Last modified: 09/23/08

DEFENSE TECHNICAL INFORMATION CENTER
8725 John J. Kingman Road, Fort Belvoir, VA 22060-6218

No Fear Act | Privacy Act | Web Accessibility | FOIA | Contact Us
Site Map | Registration | DTIC A-Z | Submit Documents | Interest Area | Customer Support | S&T Resources
Announcements | Forms & Guides | IACs | Find It | About Us | USA.gov

DEPARTMENT OF DEFENSE

DEFENSE TECHNICAL INFORMATION CENTER



Search Results: Citations and Links to Full Text

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



[Home](#) | [Site Map](#) | [Contact Us](#)

Home Registration DTIC A-Z Submit Documents Interest Areas Customer Support

Search More Search Options [i](#)

S&T Resources Announcements Forms & Guides IACs Find It About Us

Search Results

Searched for: **and(and (content:(string("global hawk", mode="phrase", annotation_class="user"))), filter(and ("meta.collection":or(tr2))))**

Results 1 - 26 of 26. Search took 0.299 seconds.

1. [View TR Citation](#) | [View Full Text pdf](#) - 134 KB
Title: Intelligence, Surveillance, and Reconnaissance (ISR) Programs: Issues ...
AD Number: ADA477775
Corporate Author: LIBRARY OF CONGRESS WASHINGTON DC CONGRESSIONAL RESEARCH SERVICE
Personal Author: Best, Jr, Richard A
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Source Code: 424371

2. [View TR Citation](#) | [View Full Text pdf](#) - 997 KB
Title: Verification of Meteorological Data Reports from the RQ-4A Global Hawk...
AD Number: ADA422577
Corporate Author: AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OH SCHOOL OF ENGINEERING A...
Personal Author: Callis, Steven M
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Source Code: 439106

3. [View TR Citation](#) | [View Full Text pdf](#) - 914 KB
Title: Spiral Development in Action: A Case Study of Spiral Development in th...
AD Number: ADA443447
Corporate Author: NAVAL POSTGRADUATE SCHOOL MONTEREY CA
Personal Author: Henning, Wade A Walter, Daniel T
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Source Code: 251450



Full Citation for DTIC Technical Report

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC® Online
Information for the Defense Community

Home Registration DTIC A-Z Submit Documents Interest Areas Customer Support

Search DoD Web Sites GO Advanced Search i

S&T Resources Announcements Forms & Guides IACs Find It About Us

Font size: A A

Accession Number:
ADA422577

Full Text (pdf) Availability:
Size: 997 KB
Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA422577>

Citation Status:
A - Active

Replaced by AD Number:
Data Not Available

Title:
Verification of Meteorological Data Reports from the RQ-4A Global Hawk Unmanned Aerial Vehicle

Fields and Groups :
040200 - Meteorology
010310 - Pilotless Aircraft

Corporate Author:
AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OH SCHOOL OF ENGINEERING AND MANAGEMENT

Personal Author(s):
Callis, Steven M

Report Date:
01 Mar 2004

Media Count:
120 Pages(s)

Media Code:
Data Not Available

Organization Type:
F - AIR FORCE



DTIC Handles for Full Text

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Accession Number:
ADA475851

Full Text (pdf) Availability:

Size: 185 KB

Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA475851>

Citation Status:
A - Active

Replaced by AD Number:

Data Not Available

Title:
Preventing an Improvised Explosive Device (IED) Threat to the War on Terror: A Campaign in the United States

Fields and Groups :
190100 - Ammunition and Explosives
150607 - Unconventional Warfare

Corporate Author:
NAVAL POSTGRADUATE SCHOOL MONS

Personal Author(s):
Wehri, Matthew T

Report Date:
01 Dec 2007

Media Count:
71 Pages(s)

Media Code:
Data Not Available

Organization Type:
N - NAVY AND MARINE CORPS

DTIC's Handle Service

- Assigns **persistent identifiers** called “**Handles**” to each record.
- Stores current location or URL.
- Updates Handle record when the location changes.

• **No Broken Links!**





Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Global Hawk: Air Force unmanned aircraft system – to provide intelligence, surveillance, & reconnaissance capabilities

- Sample Search: “global hawk” (more precise possible)
- **DTIC’s Public Technical Reports (TRs):** 26 results
- Authors include Air Force Institute of Technology, Naval Postgraduate School, Aeronautical Systems Center, IDA
- **DTIC’s Access Controlled TRs:** 194 reports, ranging from Aug 2008 Operational Assessment Rpt to 1996 Phase 1 Rpt
- Authors include AF Operational Test & Evaluation Center
- Results for DTIC registered users include reports limited to U.S. Govt only; DoD Controlled; DoD and Their Contractors; DoD Controlled – Export Control



Public Technical Reports: Quick Search

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC® Online
Information for the Defense Community

Home Registration DTIC A-Z Submit Documents Interest Areas Customer Support

Search DoD Sites & Collections More Search Options

S&T Resources Announcements Forms & Guides IACs Find It About Us

You are here: Home > search > tr > str > quick tr

Font size:

Public Technical Reports (Quick Search)

Search Tips [PDF](#) Boolean Change

Quick Search | Guided Search | Advanced Search
Corporate Source | Thesaurus

Enter words or phrases in the fields you wish to search. If you enter terms in more than 1 field, they will be joined by the "AND" operator. The results set will contain citations that meet the criteria for all fields entered.

Limit search to only those technical reports that have Full Text links available:

All Fields:

Accession Number (AD):

Title:

Personal Author:

Optional Search Parameters:
Make a selection from the pull down boxes or accept the default value in the fields below to limit your search results.

Report Date Range:

Display Options:

Sort by:

Number of hits per page:

Public TR Searches
Simple - Advanced Searches
DTIC Collection Searches
Special Collection Searches



JSF: Handle for Free Full-Text Technical Report

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC® Online
Information for the Defense Community

Home Registration DTIC A-Z Submit Documents Interest Areas Customer Support

Search DoD Web Sites Advanced Search

S&T Resources Announcements Forms & Guides IACs Find It About Us

Font size:

Accession Number:
ADA480398

Full Text (pdf) Availability:
Size: 734 KB
Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA480398>

Citation Status:
A - Active

Replaced by AD Number:
Data Not Available

Title:
Balancing Government Risks with Contractor Incentives in Performance-Based Logistics Contracts

Fields and Groups :
150500 - Logistics, Military Facilities and Supplies
050100 - Administration and Management

Corporate Author:
AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OH GRADUATE SCHOOL OF ENGINEERING AND MANAGEMENT

Personal Author(s):
Gardner, Christopher P

Report Date:
01 Mar 2008

Media Count:
110 Pages(s)

Media Code:
Data Not Available

Organization Type:
F - AIR FORCE



JSF: Joint Strike Fighter

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

JSF: Joint Air Force, Navy, and Marine Corps program –
to develop and field stealthy fighter aircraft to replace
DoD's aging fighter and attack aircraft

- Search: “joint strike fighter” or jsf
- **DTIC’s Public Technical Reports (TRs):** 120 results
- Authors: Air Force Institute of Technology, Air University, Naval Air Warfare Center, Rand
- **DTIC’s Access Controlled TRs:** 537 results, ranging from Oct 2008 to 1995.
- Results for DTIC registered users include reports limited to U.S. Govt Only, DoD Controlled; U.S. Govt and Their Contractors



Public Technical Reports: Guided Search

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#)

[Registration](#)

[DTIC A-Z](#)

[Submit Documents](#)

[Interest Areas](#)

[Customer Support](#)

[Search](#)

[DoD Sites & Collections](#)

[GO](#)

[More Search Options](#)



[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

You are here: [Home](#) > [search](#) > [tr](#) > [str](#) > [guided tr](#)

Font size: [A](#) [A](#)

Public Technical Reports (Guided Search)

[Search Tips](#) [Boolean Change](#)

[Quick Search](#) | [Guided Search](#) | [Advanced Search](#)

[Corporate Source](#) | [Thesaurus](#)

Enter words or phrases in the fields you want to search. Blank fields will be ignored. Use the drop down boxes on the right to choose Boolean operators to define the relationship between the fields. Due to precedence rules, the ANDs will be evaluated before the ORs in your search.

Limit search to only those technical reports that have **Full Text** links available:

[Submit Query](#)

[Clear Query](#)

All Fields

"future combat system" or fcs

And

Title

And

Personal Author

And

Key Word

And

Numbers

And

(Unselected)

And

(Unselected)

And

Find a descriptor from the Thesaurus.

Descriptor

And

Searches the unique code for an organization found in the [Corporate Source](#) database.

Source Code

[Submit Query](#)

[Clear Query](#)



FCS: Citation with Handle for Free Full-Text Document

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#)

[Registration](#)

[DTIC A-Z](#)

[Submit Documents](#)

[Interest Areas](#)

[Customer Support](#)

[Search](#)

[DoD Web Sites](#)

[GO](#)

[Advanced Search](#)



[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

Font size: [A](#) [A](#)

Accession Number:

ADA476958

Full Text (pdf) Availability:

Size: 449 KB

Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA476958>

Citation Status:

A - Active

Replaced by AD Number:

Data Not Available

Title:

Early Lessons Learned from the Army's Future Combat Systems Program (FCS): Developing an Appropriate Contractual Arrangement with Industry, Establishing an Enabling Program Management Structure and Test Organization

Fields and Groups :

190300 - Combat Vehicles

150100 - Military Forces and Organizations

050100 - Administration and Management

Corporate Author:

NAVAL POSTGRADUATE SCHOOL MONTEREY CA GRADUATE SCHOOL OF BUSINESS AND PUBLIC POLICY

Personal Author(s):

Yakovac, Joseph

Report Date:

30 Sep 2007

Media Count:

45 Pages(s)

Media Code:

Data Not Available



FCS: Citation Includes Descriptors, Identifiers, & Abstract

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Descriptors:

GUERRILLA WARFARE, ZGUERRILLA WARFAREZ, MILITARY CAPABILITIES, ZMILITARY CAPABILITIESZ, MILITARY HISTORY, ZMILITARY HISTORYZ, MILITARY REQUIREMENTS, ZMILITARY REQUIREMENTSZ, ARMY, ZARMYZ, FORECASTING, ZFORECASTINGZ, RADIATION HARDENING, ZRADIATION HARDENINGZ, FIRST WORLD WAR, ZFIRST WORLD WARZ, INFORMATION WARFARE, ZINFORMATION WARFAREZ, KOREAN WAR, ZKOREAN WARZ, PERSIAN GULF WAR, ZPERSIAN GULF WARZ, SECOND WORLD WAR, ZSECOND WORLD WARZ, VIETNAM WAR, ZVIETNAM WARZ, SATELLITE ANTENNAS, ZSATellite ANTENNASZ, IRAQI WAR, ZIRAQI WARZ, COMBAT VEHICLES, ZCOMBAT VEHICLESZ, COMMUNICATIONS NETWORKS, ZCOMMUNICATIONS NETWORKSZ, THESES, ZTHESESZ, BRIGADE LEVEL ORGANIZATIONS, ZBRIGADE LEVEL ORGANIZATIONSZ, RUGGEDIZED EQUIPMENT, ZRUGGEDIZED EQUIPMENTZ

Identifiers:

COMBINED ARMS WARFARE, FCS(FUTURE COMBAT SYSTEMS), BCT(BRIGADE COMBAT TEAMS), IRREGULAR WARFARE, INFORMATION OPERATIONS, SATELLITE ANTENNAS, FUTURE WARFARE, CAPABILITY GAPS, ON-THE-MOVE COMMUNICATIONS, GAP CROSSING CAPABILITIES, GROUND LINE OF COMMUNICATION SUSTAINMENT, HARDENED VEHICLES, EXTREMIST GUERRILLA ARMY, HISTORICAL ANALYSIS

Abstract:

The U.S. Army's first Future Combat System (FCS) equipped Brigade Combat Team (BCT) becomes fully operational in 2015. Concern for the possibility of combined arms capability gaps between planned FCS capacities and those required to defeat the expected 2015 dominant threat model -- the Extremist Guerrilla Army -- led to a study of combined arms operations (CAW). The author explores the nature of CAW, and through the use of synchronization theory explains how synchronization is the key process by which units are able to plan and conduct the simultaneous employment of a combination of arms, thereby benefiting from their synergistic effects. He also reviews the main historical developments in CAW from World War I to the present Iraq War, including World War II, Korea, Vietnam, and the Gulf War. The thesis then identifies 13 combined arms "enabling capabilities" necessary for FCS BCT success in the complex and lethal 2015 operational environment. These capabilities will defeat the Extremist Guerrilla Army, maintain freedom of movement across the battlefield, and positively influence the local populace to support U.S. objectives. In addition, five FCS BCT capability shortfalls are identified. These are five areas in which FCS BCTs will not be fully capable in the operational environment of 2015. These areas are as follows: the need for ruggedized SATCOM antennas, the capability to allow units to stay connected to FCS voice and data information networks while on the move, the need for FCS vehicles to be hardened against electronic attack in an age of nuclear proliferation, the need for specialized engineering vehicles to support route clearance and gap crossing missions, and the need for the Army to organize company-sized Information Operations (IO) units to support FCS BCTs in the expectation of the enemy's heavy use of IO.

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Source Serial:

Data Not Available

Source Code:

037260



Full-Text Document for Downloading at No Charge

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC® Online
Information for the Defense Community

Home Registration DTIC A-Z Submit Documents Interest Areas Customer Support

Search DoD Web Sites Advanced Search

S&T Resources Announcements Forms & Guides IACs Find It About Us

Accession Number: AD-A482923

Full Text (pdf) Availability:
Size: 1 MB
Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA482923>

Citation Status:
A - Active

Replaced by AD Number:
Data Not Available

Title:
Combined Arms Warfare in the 21st Century: Maximizing the Capability of U.S. Army Equipped Brigade Combat Teams to Conduct Combined Arms Operations

Fields and Groups :
150607 - Unconventional Warfare
050600 - Humanities and History

Corporate Author:
ARMY COMMAND AND GENERAL STAFF COLL FORT LEAVENWORTH KS

Personal Author(s):
Reed, James W

Report Date:
13 Jun 2008

Media Count:
178 Pages(s)

Media Code:
Data Not Available

Organization Type:
A - ARMY

COMBINED ARMS WARFARE IN THE 21ST CENTURY: MAXIMIZING THE CAPABILITY OF U.S. ARMY FUTURE COMBAT SYSTEM EQUIPPED BRIGADE COMBAT TEAMS TO CONDUCT COMBINED ARMS OPERATIONS

A thesis presented to the Faculty of the U.S. Army Command and General Staff College in partial fulfillment of the requirements for the degree

MASTER OF MILITARY ART AND SCIENCE
Military History

by

JAMES W. REED, MAJ, USA
B.A., California State University, Chico, CA, 1994

AD BELLUM PACE PARATI

Fort Leavenworth, Kansas
2008



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

FCS: Army program – to provide advanced, networked combat & sustainment systems, unmanned ground & air vehicles, and unattended sensors & munitions

- Search: “future combat system” or fcs
- **DTIC’s Public Technical Reports (TRs):** 48 results
- Authors: Army Research Institute, Naval Postgraduate School, Army Aviation & Missile Command (Redstone), Rand, Mitre, IDA
- **DTIC’s Access Controlled TRs:** 617 results, ranging from Sep 2008 to 1979
- Results for DTIC registered users include reports limited to DoD and Their Contractors - Export Control, U.S. Govt and Their Contractors – Export Control



What results would Google have?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Initial Searches:

“global hawk” = 256,000 results

“global hawk” and “unmanned aircraft” = 44,300

“global hawk” and .mil = 26,900

“joint strike fighter” or jsf = 174,000

“future combat system” or fcs = 83,500

Thousands!

How much time do you have?



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Analysis - Positives:

Sources for encyclopedic information or overview about the project:

e.g., www.jsf.mil (public);

<https://www.fcs.army.mil/> (*only accessible from DoD computers*)

Specifications, color images, and news releases available on commercial sites.

However,...



Search Results from Google

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Analysis – Negatives for Research:

Too many results to review and analyze properly.

Order of results based on commercial search engine's relevancy ranking (most popular?)

No consistency; order may vary.

Some results disappear or are difficult to find again.

Citations not always definitive and helpful for browsing wide variety of results.

Lack of authoritative sources; sources often unknown.

Unknown authors for Wikipedia, You-tube, blog entries, and personal Web sites.

Includes “underground” Web sites and subjective, opinionated articles.



...More Google Results

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Analysis – Negatives for Research:

Abundance of commercial sites.

Many superficial (or partial) news articles.

Some leads to fee-based commercial document delivery services.

Duplications within list.

Results include both separate pages & homepage of Web sites.

Documents often not dated.

Older documents not posted.

Public release only. Results mixed for an audience of all ages.

Some dead links or messages that content no longer available.

NO technical support or reference help.



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Analysis – Positives for Research:

- Targeted search results from a DoD database of more than 2 million Technical Reports.
- Three access levels for DTIC Technical Reports – Public, Access Controlled, & Classified on the SIPRNet.
- Documents with Distribution Markings for public, DoD, other federal agencies, contractors.
- In-depth reports from DoD scientific & technical research.
- Professional documents by reputable sources.
- Known Sources – Personal Author, Corporate Author, Source Code, Contract #.
- Report dates included.
- References to proceedings or other reports in series.



...More DTIC Results

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Analysis – Positives for Research:

- Database with precision search capabilities.
- Capability for searching from simple to complex according to other factors, such as contract #, terms in abstract, etc.
- Flexibility to control order of results; e.g., by report date.
- Permanent collection and consistency in results; older documents retained as new documents are added.
- Ability to produce customized search results and bibliographies with specific fields.
- Technical support & reference assistance with your searches – DTIC phone #s & email addresses provided.
- **MORE: Ability to expand search for results from other DTIC databases & DoD resources.**



DTIC / Google Comparison 2004-2006

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Topics:

Battle Space Awareness; Command and Control; Net Centric; Force Application; Force Protection; Focused Logistics

DTIC Resources searched:

- Private STINET – Unclassified, unlimited (U2);Unclassified, limited (UL) Technical Reports (TR) and Research Summaries (RS)
- Classified STINET – Classified TR and RS
- TEMS database of IAC holdings

Google Resources searched:

- Google, Google Scholar, Google Print
- Google Uncle Sam (added in 2006)



DTIC / Google Comparison

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Analysis of Results:

- Information Type
- Database or Libraries
- Language
- Availability
- Source/Authority
- Classification
- Currency
- Relevance

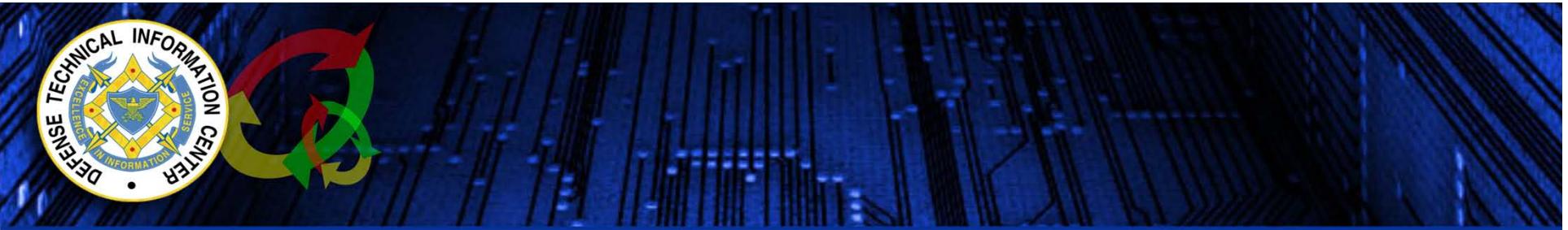


"DTIC is \$50M better than Google."

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Most Significant Findings for DTIC Documents:

- **Source/Authority** – DTIC databases had more DoD S&T, DoD academic & other federal govt research.
- **Classification** – DTIC databases went beyond public information; over half of retrievals were limited access, classified, & export controlled results.
- **Currency** – DTIC databases had more current documents in the 4-year range.
- **Relevance** – DTIC database results had higher relevancy for the topics.



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC Offers Assistance Beyond Google





Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

How we accomplish our mission:

1. Centralized collection of DoD Resources
2. Innovative development of information systems
3. Information Security
4. IAC Research
5. Customer Support



DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. **Centralized collection of DoD Resources**

Providing centralized operation of **scientific, technical and related defense information** services, databases, systems, or networks for the acquisition, organization, retrieval, and dissemination of information to support the Defense Community

Examples: Technical Reports Collection and many others; development of Web sites.



DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. **Innovative development of information systems**

Developing and improving **DoD Scientific and Technical Information (STI) and Defense Information systems** through the continuous application of advanced, innovative processes, techniques and technologies for information discovery, analysis and dissemination

Examples: DTIC Online for Public, Access Controlled, and Classified; DoDTechipedia and DefenseSolutions.



DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. Innovative development of information systems
3. **Information Security**

Assuring information **security and integrity** while improving customer access through the enhancement and application of the latest guidance and technologies for system security, user authentication, access control and single sign on

Examples: DTIC Registration System; DTIC's consistently high FISMA Score.
(Federal Information Security Management Act)



DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. Innovative development of information systems
3. Information Security
4. **IAC Research**

Managing the **DoD Information Analysis Centers** program

Example: Assistance searching IAC databases;
collaboration at conferences.



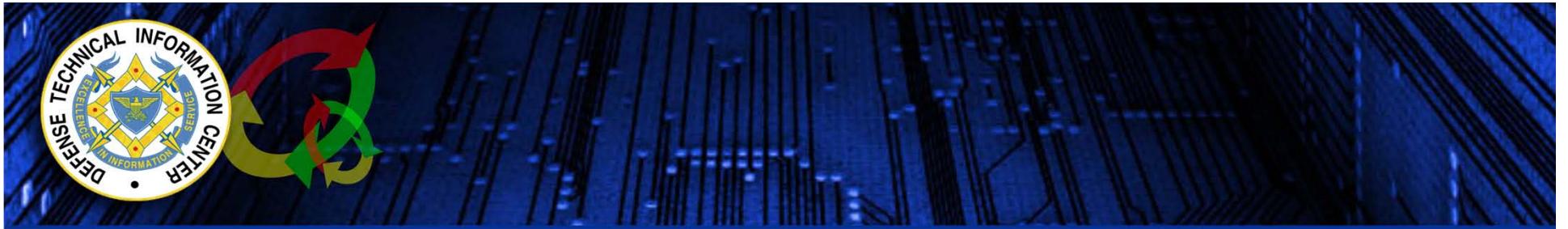
DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. Innovative development of information systems
3. Information Security
4. IAC Research
5. **Customer Support**

Performing **outstanding Customer Service** including extensive user training and outreach programs.

Example: Free training for DTIC databases; outreach to Combatant Commands.



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC Collection





Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Central facility for collection and dissemination of scientific and technical information for the Department of Defense (DoD)

A screenshot of the DTIC Online website. The page displays a document record with the following details:

Accession Number: ADA475851
Full Text (pdf) Availability: Size: 185 kB Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA475851>
Citation Status: A - Active
Replaced by AD Number: Data Not Available
Title: Preventing an Improvised Explosive Device (IED) Terror Campaign in the United States
Fields and Groups :
190100 - Ammunition and Explosives
150607 - Unconventional Warfare
Corporate Author: NAVAL POSTGRADUATE SCHOOL MONTEREY CA
Personal Author(s): Wehri, Matthew T
Report Date: 01 Dec 2007
Media Count: 71 Pages(s)
Media Code: Data Not Available
Organization Type: N - NAVY AND MARINE CORPS





DTIC: Information for the Defense Community

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Provider of information for Defense community
- Vital link in transfer of information for DoD



DTIC® Online
Information for the Defense Community

Home Registration DTIC A-Z Submit Document

Search DTIC S&T

S&T Resources Announcements Forms & Guides IACs

Accession Number:
ADA016437

Full Text (pdf) Availability:
Data Not Available

Citation Status:
A - Active

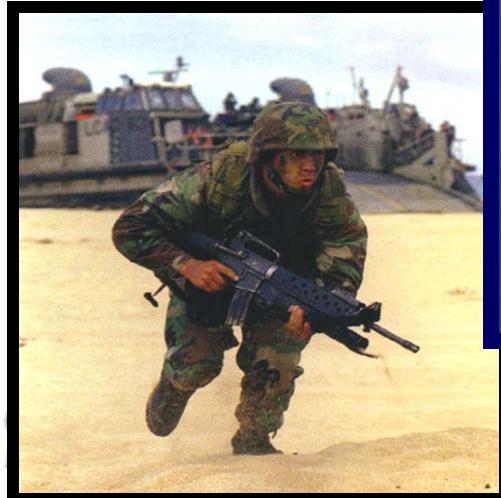
Replaced by AD Number:
Data Not Available

Title:
Laser Reliability Prediction.

Fields and Groups :
090300 - Lasers and Masers

Corporate Author:
MARTIN MARIETTA AEROSPACE ORLANDO FLA

Personal Author(s):
Gagnier, T R
Kimball, E W
Selleck, R R

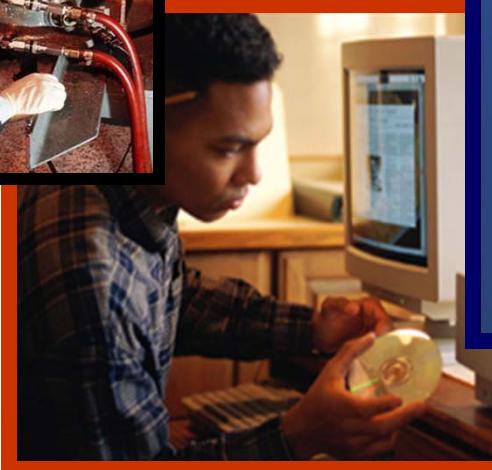




Librarians & Analysts Ready to Assist with Research

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Researchers of scientific, technical information**
- **Intermediaries for Research & Development and the Defense mission**



The screenshot shows a document record from DTIC Online. The header includes the DTIC logo and the text "Information for the Defense Community". The main content area displays the following details:

Accession Number: ADA016437

Full Text (pdf) Availability: Data Not Available

Citation Status: A - Active

Replaced by AD Number: Data Not Available

Title: Laser Reliability Prediction.

Fields and Groups : 090300 - Lasers and Masers

Corporate Author: MARTIN MARIETTA AEROSPACE ORLANDO FLA

Personal Author(s): Gagnier, T R
Kimball, E W
Selleck, R R



Librarians
& Analysts



www.dtic.mil



DTIC's Collection

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC's Core Collection Includes More Than:

- 2 million **Technical Reports (TRs) collected since WWII**
- 309,000 ongoing & completed DoD **Research Summaries (RS)**
- 172,000 descriptions of **Independent Research & Development (IR&D) Projects** (Proprietary records of voluntarily reported private sector research - Available to DoD ONLY)
- 207,000 **Total Electronic Migration System (TEMS) database of IAC documents** from DTIC Information Analysis Centers (IACs)



Digitization for Online Access

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Technical Reports (TR) Collection**
 - Majority of new accessions are digital submissions
 - Older material digitized systematically and upon request for emergency situations throughout the world (e.g., mud slides in the Philippines)
- **Current Total of Technical Reports:** 2,109,165
- **Current TR Digital Holdings (full text):**
 - 299,538 unclassified, unlimited documents (public)
 - 191,501 unclassified, limited documents (controlled)
 - 13,071 classified documents on SIPRNet

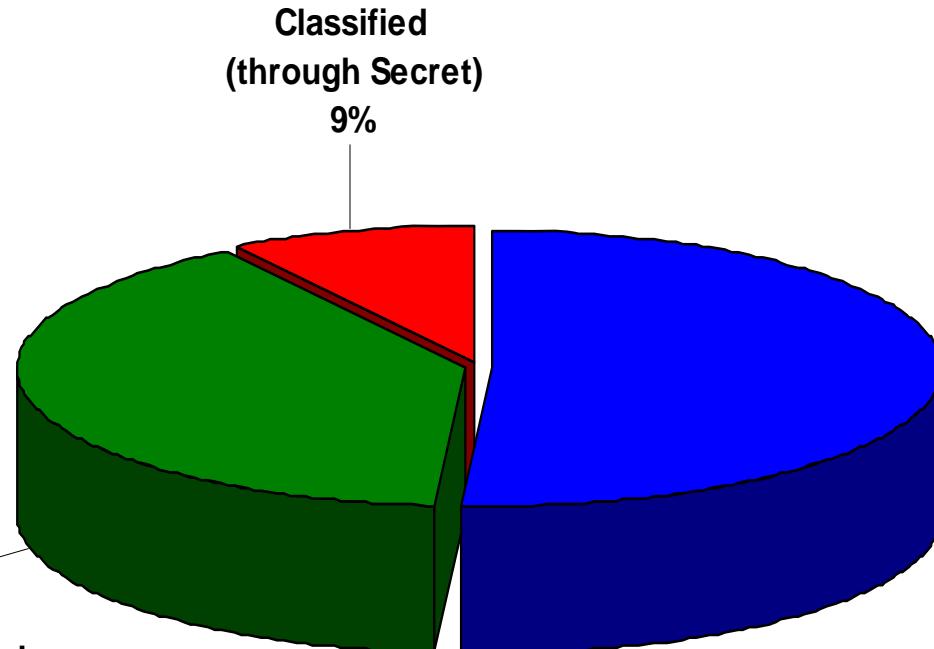
(11/10/08)



Security Categories of DTIC Collection

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Unclassified, Unlimited (Public) 51%
- Unclassified, Limited (Controlled access) 40%
- Classified (through Secret) 9%





Content Repository

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Types of Information Collected:

- Technical reports
- Test results
- Studies and analyses
- Journal articles
- Proceedings
- Theses and dissertations
- Patent information
- Planning documents
- Command histories

Research summaries:

- Ongoing
- Completed
- Project details:
 - Objective
 - Approach
 - Progress
- Organizational details:
 - Funding data
 - Performing/funding agency/contractor



Contributors Are Sources of RDT&E and Users

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

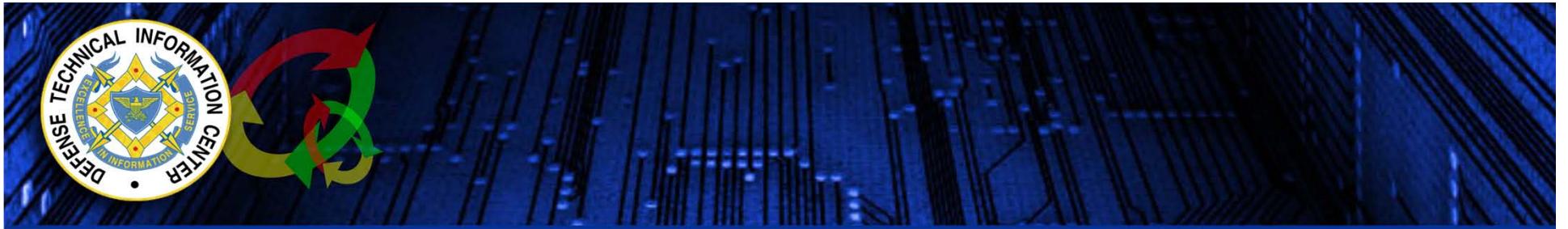
- Defense Components
- DoD Laboratories
- DoD Contractors
- Federally Funded Research & Defense Centers (FFRDCs)
- Universities/Military Service Schools
- Small Business Innovation Research (SBIR) Awardees
- Other Federal Agencies and Their Contractors
- Foreign Governments
- NATO



Authorized Use of DTIC Collection

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Registration** determines individual access to controlled citations and documents.
- **Distribution statements** on documents are set by the controlling agencies.
- **Requests for Release of Limited Document** (DTIC Form 55) are submitted and determined by the controlling agencies.



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Searching the DTIC Collection





Technical Reports Are Key Sources of Information

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Question: **How many gallons of gas has DoD used in the past year?**
- Sources:
- ***Report of the Defense Science Board Task Force on DoD Energy Strategy, "More Fight - Less Fuel".***
AD Number: **ADA477619** Corporate Author: DEFENSE SCIENCE BOARD WASHINGTON DC. Report Date: February 01, 2008. Media: 136 Page(s)
- ***Defense Energy Support Center Fact Book FY 2007.***
AD Number: **ADA480861** Corporate Author: DEFENSE ENERGY SUPPORT CENTER FORT BELVOIR VA. Report Date: March 21, 2008 Media: 95 Page(s)



Source: DTIC Tech Report

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Bookmarks Options ▾

- Foreword
- Executive Summary
- Chapter I: Introduction
- Chapter II: DoD's Energy Posture
 - 2.1 Introduction
 - 2.2 Petroleum Supply and Demand
 - 2.3 Electricity
 - 2.4 Global Warming and Our Energy Choices
- Chapter III: Managing Fuel Demand – A Business Process Re-Engineering
 - 3.1 Unfinished Tasks from the 2001 Defense Science Board

Report of the **Defense Science Board Task Force** on **DoD Energy Strategy**

“More Fight – Less Fuel”





Research from Tech Report

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

The Department of Defense is the largest single consumer of energy in the United States. In 2006, it spent \$13.6 billion to buy 110 million barrels of petroleum fuel (about 300,000 barrels of oil each day), and 3.8 billion kWh of electricity. **-Feb 2008**

CHAPTER II: DOD'S ENERGY POSTURE

2.1 Introduction

The Department of Defense is the largest single consumer of energy in the United States. In 2006, it spent \$13.6 billion to buy 110 million barrels of petroleum fuel (about 300,000 barrels of oil each day), and 3.8 billion kWh of electricity. This represents about 0.8% of total U.S. energy consumption and 78% of energy consumption by the Federal government. Buildings and facilities account for about 25% of the Department's total energy use. DoD occupies over 577,000 buildings and structures worth \$712 billion comprising more than 5,300 sites. In 2006, the Department spent over \$3.5 billion for energy to power fixed installations, and just over \$10 billion on fuel for combat and combat related systems. These figures exclude energy used by some contractors that performed "outsourced" DoD functions, but are as accurate as current accounting systems permit.



Plus Reference Assistance

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Additional information from DTIC Reference Librarian:
- 1 barrel = 42 U.S. gallons of oil = 19.5 U. S. gallons of gas.
- By international agreement a barrel of petroleum equals 42 U. S. gallons, which is about 158.987 liters.



Additional Background

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Transforming the Way DOD Looks at Energy. An Approach to Establishing an Energy Strategy.**
- AD Number: ADA467003 Corporate Author: LOGISTICS MANAGEMENT INST (LMI) MCLEAN VA Personal Author: Crowley, Thomas D Corrie, Tanya D Diamond, David B Funk, Stuart D Hansen, Wilhelm A Stenhoff, Andrea D Swift, Daniel C Report Date: April 01, 2007 Media: 138
- This report has a section, Mobile Energy Use, which it defines as follows: "Mobility energy is the fuel used to power DoD weapons platforms, tactical equipment, and all other types of vehicles."
- **Supporting Worldwide Missions with DESC Energy Around the Globe. Defense Energy Support Center Fact Book, Fiscal Year 2005, Twenty-Eighth Edition.**
- AD Number: ADA472201 Corporate Author: DEFENSE ENERGY SUPPORT CENTER FORT BELVOIR VA Report Date: January 01, 2005 Media: 105 Page(s)



Technical Reports Can Save Time and Money

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Question: **What type of tires work best on a specific military vehicle?**
- Source:
- **Land Vehicle Tire Qualification.**
- AD Number: **ADA479108** Corporate Author: ARMY RESEARCH DEVELOPMENT AND ENGINEERING COMMAND WARREN MI Report Date: February 26, 2008 Media: 34 Page(s)
- Abstract: (U) These briefing charts deal with the qualification for land vehicle tires. It discusses the classifications, the qualification process, vehicle qualification testing, replacement tires and requirements.



Tech Reports Range from Unclassified to Secret

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

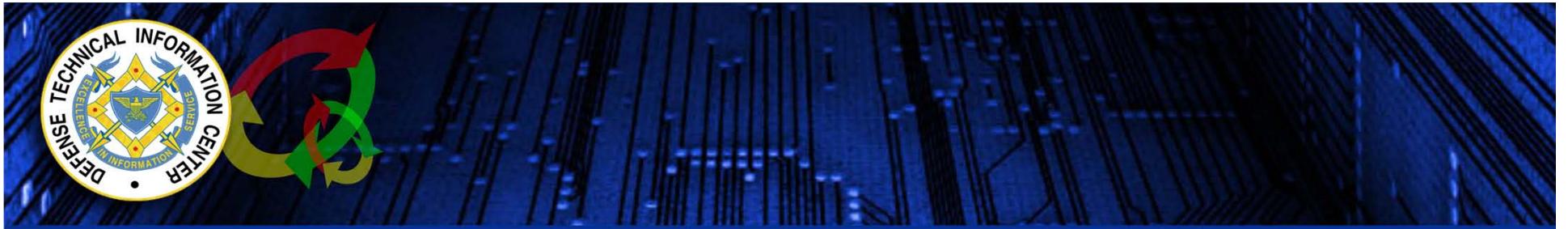
- Question: **What tests on Interceptor Body Armor (IBA) are available?**
- *Title:* Thermal Manikin Evaluation of Passive and Active Cooling Garments to Improve Comfort of Military Body Armor
AD Number: ADA474474 *Corporate Author:* ARMY RESEARCH INST OF ENVIRONMENTAL MEDICINE NATICK MA BIOPHYSICS AND BIOMEDICAL MODELING DIV *Personal Author:* Endrusick, Thomas Gonzalez, Julio Berglund, Larry *Report Date:* August 01, 2007 *Media:* 5 Page(s) *Distribution Code:* 01 - APPROVED FOR PUBLIC RELEASE *Report Classification:* Unclassified *Source Code:* 441188 From the collection: Technical Reports
- Searching “interceptor body armor” resulted in 17 full-text documents (downloadable for free) on Private STINET (public to DoD Controlled) & one Secret on the SIPRNet.



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Positives:

- Quick; easy to search database
- Current reports
- Relevant information
- Authoritative sources
- Many FREE full-text documents
- Reference assistance available



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Access to DTIC Collection and DoD Resources





Why Register with DTIC?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Access to DTIC Sites

- Research & Engineering (R&E) Portal
- Private STINET
- Classified STINET
- Total Electronic Migration System (TEMS)
- Classified TEMS



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Examples:

- Congressional Budget Queries
- Congressional Budget Data
- Research Development Test & Evaluation (RDT&E) Budget Data
- DoD RDT&E In-House Management Report



Eligibility to Register with DTIC

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Who is eligible to register for DTIC services?

- Employees of a DoD organization (civilian & military), DoD contractor, or potential DoD contractor
- Employees of another U.S. Federal Government agency or U.S. Federal Government contractor
- Researchers at a university or college funded by DoD or a U.S. Federal Government agency
- Participants in the Small Business Innovation Research or Small Business Technology Transfer program (SBIR/STTR)
- Faculty members, staff members, or students of Historically Black Colleges & Universities (HBCU), Hispanic Serving Institutions (HSI), Tribal Colleges & Universities (TCU) & other Minority Institutions (MI)



Registration (one click away)

<http://www.dtic.mil>

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



Information for the Defense Community

[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#)

[Registration](#)

[DTIC A-Z](#)

[Submit Documents](#)

[Interest Areas](#)

[Customer Support](#)

[Search](#)

DoD Sites & Collections



[More Search Options](#)



[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

You are here: [Home](#) » [registration](#)

Font size: [A](#) [A](#)

DTIC Registration

DTIC's Registration Team assists customers with:



- Registration [eligibility](#) requirements
- Problems with accessing DTIC Web services
- Upgrading the level of access needed to view required information

Registration

[Eligibility](#)

[Registration FAQs](#)

[Contractor Employees](#)

[Government Employees](#)

[Security](#)

DTIC's products and services are available to:

- Authorized U.S. DoD/Military employees
- Authorized U.S. government employees
- Authorized U.S. government contractors, subcontractors and potential contractors

Contact us for further assistance



Review Eligibility; Click on Web-based Application



[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#)

[Registration](#)

[DTIC A-Z](#)

[Submit Documents](#)

[Interest Areas](#)

[Customer Support](#)

[Search](#)

[DoD Sites & Collections](#)

[GO](#)

[More Search Options](#)

[i](#)

[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

You are here: [Home](#) » [registration](#) » [Eligibility](#)

Font size: [A](#) [A](#)

[Registration
at DTIC](#)



Who is eligible to register for DTIC® Services?

You are eligible to register if you:

- are an employee of a DoD organization (civilian and military including National Guard and Reserves on active duty), DoD contractor or potential DoD contractor
- are an employee of another U.S. Federal Government agency or U.S. Federal Government contractor
- are a [researcher of a university](#) or college funded by DoD or a U.S. Federal Government agency for conducting research throughout the U.S.
- are a participant in the Small Business Innovation Research or Small Business Technology Transfer ([SBIR/STTR](#)) program
- are a faculty member, staff member, or student of [Historically Black Colleges and Universities \(HBCU\)](#), [Hispanic Serving Institutions \(HSI\)](#), [Tribal Colleges and Universities \(TCU\)](#), and other [Minority Institutions \(MI\)](#)

Registration

[Eligibility](#)

[Registration FAQs](#)

[Contractor Employees](#)

[Government Employees](#)

[Security](#)

Click [here](#) to register using the web-based application.



DTIC's Online Registration

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



DTIC and DDR&E Registration Request

Access to the DTIC Services is limited to U.S. Department of Defense (DoD) and Government employees, and their contractors only.

In order to start the registration, we must first verify your email.

Please enter your email address:

Submit

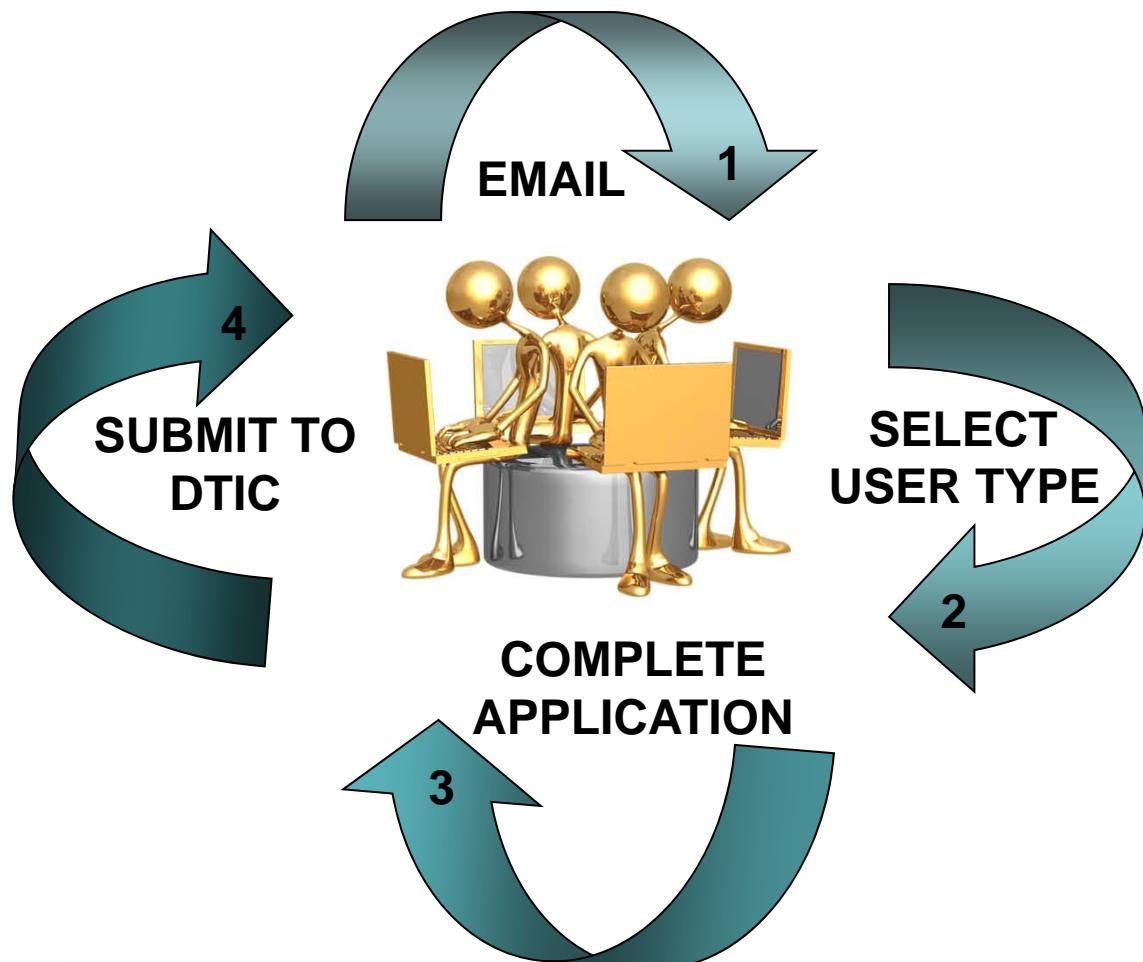
**If eligible,
proceed with
DTIC's online
registration.**



Online Registration Process

<https://register.dtic.mil/DTIC>

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



DTIC and DDR&E Registration

DTIC® DEFENSE TECHNICAL INFORMATION CENTER

**DTIC and DDR&E Registration Request Form
for DoD Employee**

Asterisk denotes required fields.

General Information (All applicants must complete this Section.)

Your userid will be formed by combining your last name with the first character of your first name + 4 digits that you choose.

*First Name: Middle Initial:
*Last Name: *4 Digits:
(choose any 4 numbers)
Grade / Military Title: Position Title:
*Email Address:

Occupation: Scientist
 Engineer
 Other

Password - Note: The password question and answer will overwrite any existing information that you may have for this account on the DTIC systems, but the password will remain the same as your existing one.

This password, question, and answer will overwrite any existing information that you may have for this account on the DTIC systems.

*Please enter the password you would like to use. The password must:

- be 9 characters or longer
- contain at least two numeric characters
- contain at least two capital letters
- contain at least two lower case letters
- contain at least two special character (e.g. "!")
- not contain last name

Desired Password: Re-type Password:

*Please select one of the questions below and provide an answer. You will be asked the same question if you forget your password and you must provide the same answer.

Password
Reset
Question: Please select a question

Telephone

*Commercial: DSN: Mobile:

Fax

Commercial: DSN:

Organization

*Organization/Company Name: Suborganization:
(Do not abbreviate or use acronyms)

Mail / Shipping Address (Do not use home address)

Office Symbol:
*Street Address 1:
Street Address 2:
Street Address 3:
*City: *State: Please select a state *Zip Code:
*Country: United States

***Type of Access Required**

Unclassified/Unlimited (Public Release Only) Unclassified/Limited

Classified Access

Classified STINET/Classified Paper Documents

Submit Application **Cancel**

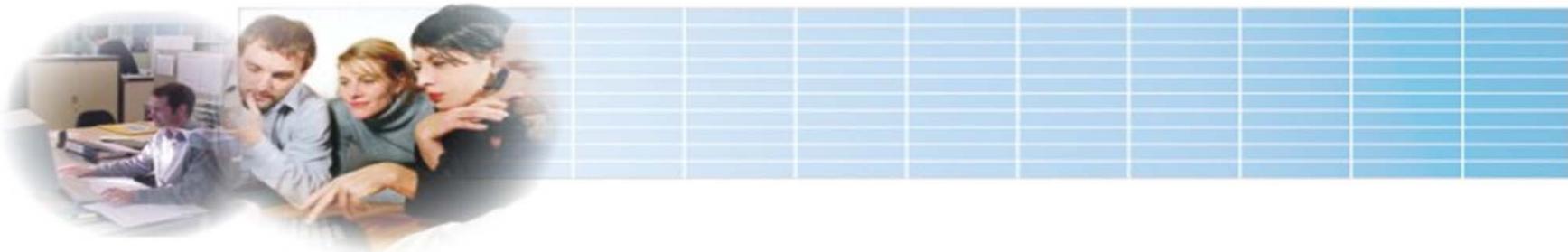
Email Access:
**Be sure to
have access
to your email
account for
time-sensitive
messages
during the
registration
process.**



Who Are Our Customers?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

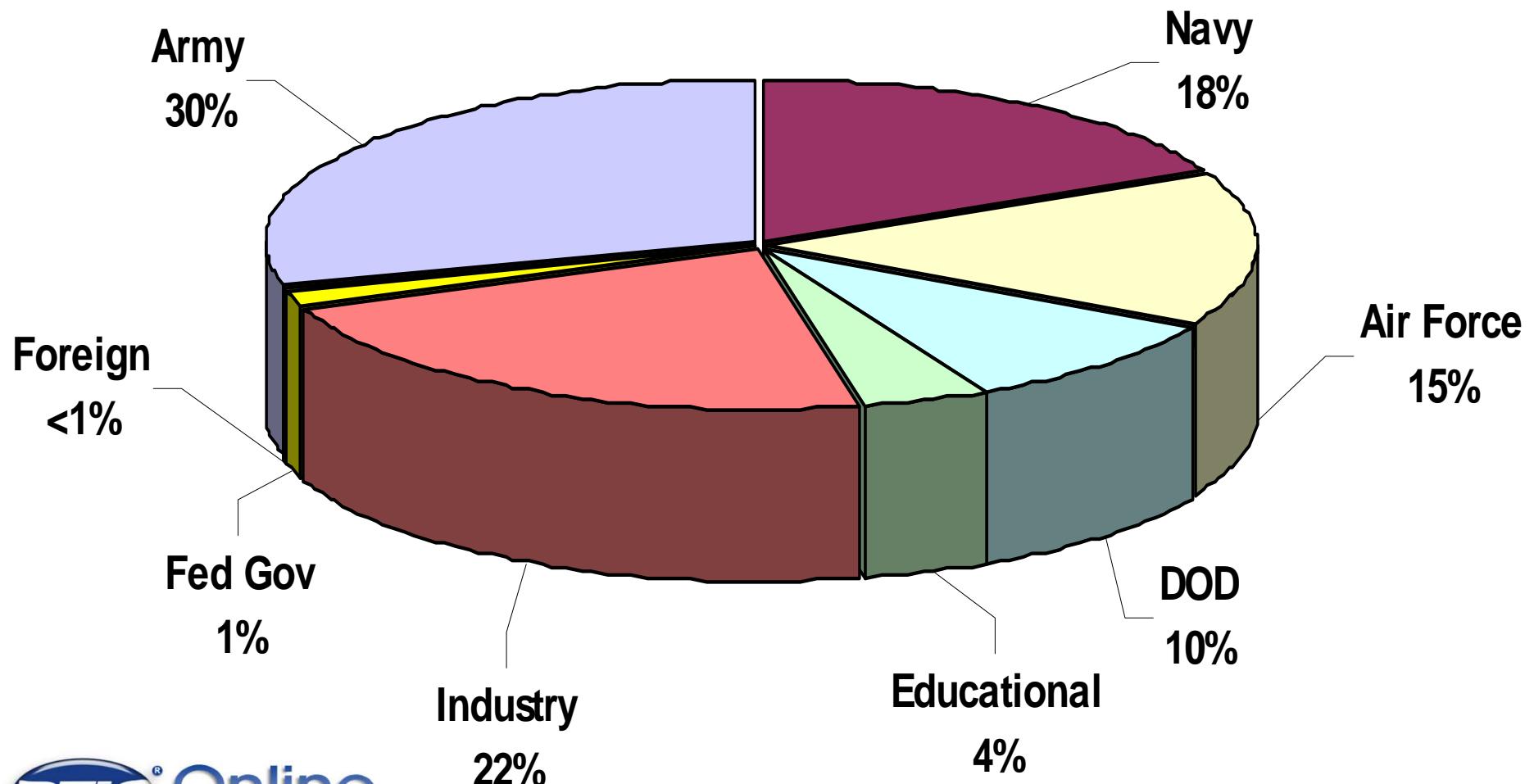
- **Engineers, scientists, program managers, policy analysts, planners and information specialists working for**
 - DoD
 - Other U.S. Government Agencies and their contractors
 - Defense contractors including:
 - Industry (e.g., Lockheed Martin, GE, Boeing, IBM)
 - FFRDCs (e.g., IDA: Institute of Defense Analyses)
 - Universities
 - Potential Defense Contractors
 - Intelligence community (e.g., CIA, NGA)
- **Foreign Governments** (e.g., negotiated agreements with Australia, Canada, France, Germany, Netherlands, Republic of Korea, U.K.)
- **Public access for military students, taxpayers, and allies**

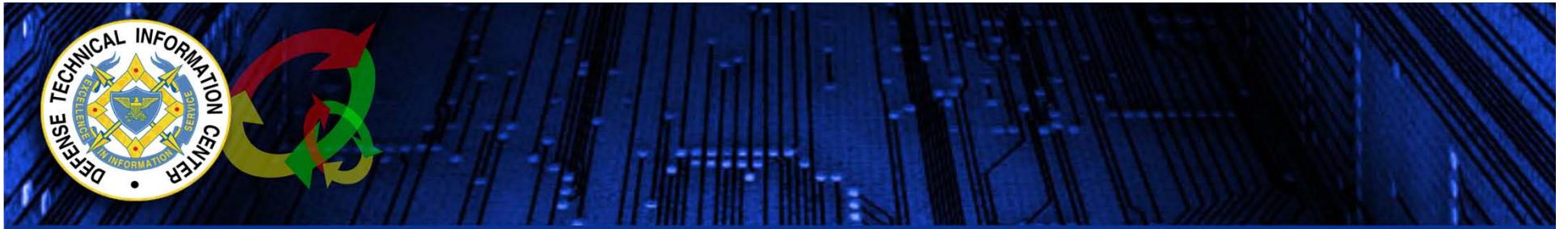




DTIC Registered Users by Type

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium





Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Dissemination of DTIC Collection and DoD Resources



Change in Process for DTIC

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



New Integrated Customer Interface

Purpose:

To provide for the integrated design, development, deployment, coordination, implementation and oversight of a robust information delivery infrastructure and accompanying support services

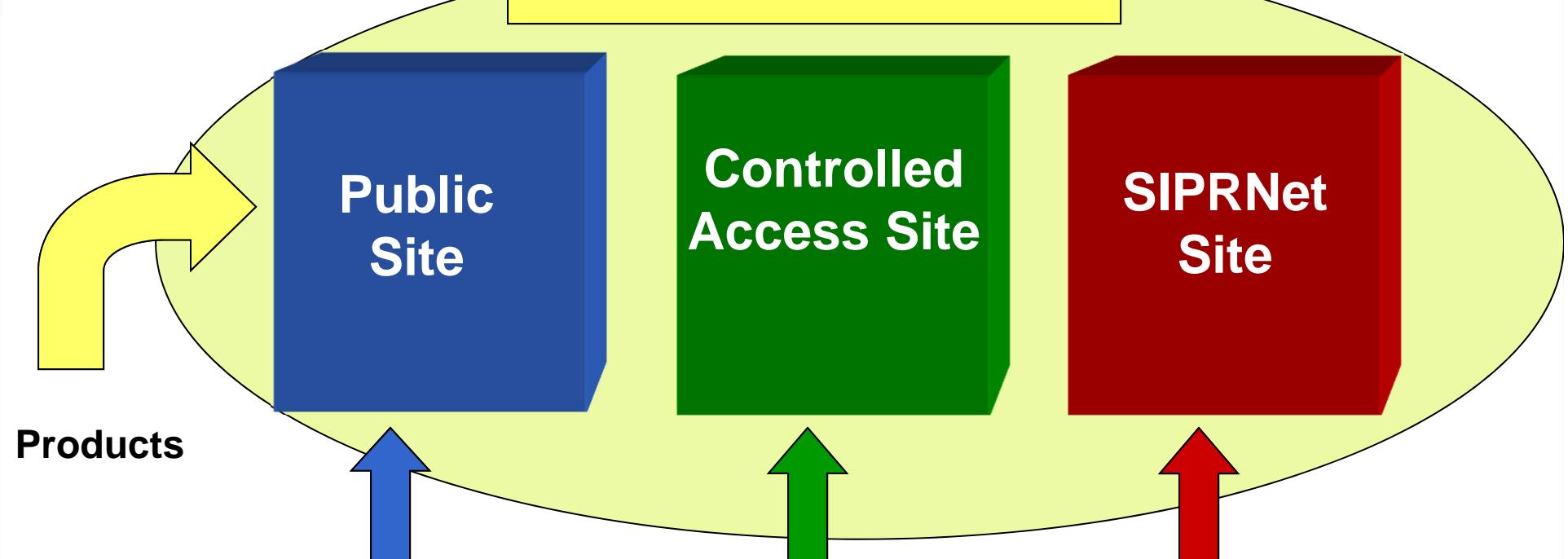


DTIC Online

Acquisition and Life Cycle Management Symposium

Acquisition and Life Cycle Management Symposium

Three Levels of Access



Products

DTIC Public Homepage
DTIC Search Page
Public STINET
Interest Areas
Public Resources

Private STINET
R&E Portal
TEMS (IACs)
Community Managers
Public & Controlled
Resources

Classified STINET
Classified TEMS (IACs)
Community Managers



DTIC Online: Uses STINET Color Pattern

Acquisition and Life Cycle Management Symposium Acquisition and Life C

STINET (Scientific & Technical Information Network): Access to the DTIC Collections – Public, Controlled, and Classified



Private STINET

(Scientific & Technical Information Network)

[Home](#) [Collections](#) [Find It](#) [Contact Us](#) [Help](#)

The Defense Technical Information Center (DTIC) Scientific and Technical Information Network (STINET) Service helps the DoD community access pertinent scientific and technical information to meet mission needs more effectively.

Private STINET consists of the following:

- DTIC's Technical Reports collection. A database of approximately 2 million bibliographic citations of reports describing the progress or results of research efforts and other scientific and technical information held by DTIC
- All recently added unclassified, unlimited and unclassified, limited full Technical Reports
- Active and inactive Research Summaries (RS) from 1965 to present
- Independent Research & Development data

Change Password



STINET

(Scientific & Technical Information Network)

[Home](#) [Collections](#) [Find It](#) [Contact Us](#) [Help](#)

[About STINET](#)
[What's New](#)
[DTIC Collections](#)
[Special Collections](#)
[MultiSearch](#)
[Journals](#)
[Other Resources](#)
[MCTL](#)

The Defense Technical Information Center (DTIC)'s Scientific and Technical Information Network (STINET) Service helps the DOD community access pertinent scientific and technical information to meet mission needs more effectively.

Private STINET is an unclassified expansion of this STINET site on the Internet which also includes the following:

- limited distribution citations and full text reports.
- Active and inactive Research Summaries (RS) from 1965 to present.
- A language translator.
- Access to the British Library's [inside web](#)
- Canada Institute for Scientific and Technical Information's [CISTI Source](#)

UNCLASSIFIED

UNCLASSIFIED



STINET

(Scientific & Technical Information Network)

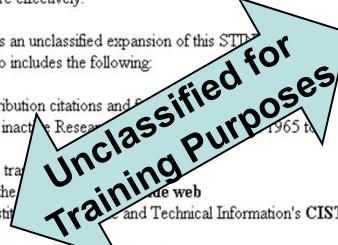
[Home](#) [Collections](#) [Find It](#) [Contact Us](#) [Help](#)

[About STINET](#)
[What's New](#)
[Technical Reports](#)
[RDDS](#)
[Special Collections](#)
[MCTL](#)
[SATCOM Standards](#)
[Other Resources](#)
[Ordering Documents](#)
[Change Password](#)

The Defense Technical Information Center (DTIC)'s Scientific and Technical Information Network (STINET) Service helps the DOD community access pertinent scientific and technical information to meet mission needs more effectively.

Private STINET is an unclassified expansion of this STINET site on the Internet which also includes the following:

- limited distribution citations and full text reports.
- Active and inactive Research Summaries (RS) from 1965 to present.
- A language translator.
- Access to the British Library's [inside web](#)
- Canada Institute for Scientific and Technical Information's [CISTI Source](#)
- ProQuest's Research Library Complete

Unclassified for Training Purposes

All users can search DTIC's unclassified collections and display or order scientific and technical information. DTIC also makes available sensitive and classified information to eligible users.



Comparing the DTIC Collections

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

	<u>Public</u>	<u>Controlled</u>	<u>Classified</u>
Registration Required		✓	✓
Document Ordering		✓	✓
Current Awareness Alerts	✓	✓+	
Technical Reports	✓	✓+	✓++
Research Summaries		✓	✓+
Independent Research & Development -Proprietary		✓	✓
MultiSearch	✓		
Special Collections	✓	✓+	✓+
Journals	✓	✓+	



DTIC Searching

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- DoD Searches
- DTIC Homepage: A-Z
- MultiSearch (Federated Search)
- DTIC Collections
 - NOW: **Public/Private/Classified STINET**
 - FUTURE: **Public/Access Controlled/Classified DTIC Online**



DTIC Online - 2008

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#) [Registration](#) [DTIC A-Z](#) [Submit Documents](#) [Interest Areas](#) [Customer Support](#)

Search **GO** [More Search Options](#) **i**

[S&T Resources](#) [Announcements](#) [Forms & Guides](#) [IACs](#) [Find It](#) [About Us](#)

Provider of DoD Technical Information to Support the Warfighter

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today.

[Read more ..](#)

Q u i c k L i n k s

A n n o u n c e m e n t s

F e e d b a c k



Heterogeneous Urban RSTA Team:
The Heterogeneous Urban RSTA Team (HURT) initiative is developing integrated tactical planning and battle management systems for heterogeneous collections of unmanned platforms ... [Full Story PDF](#)

Font size: **A** **A**

**Need Support?
Contact Us**



**Registration
at DTIC**



**Browse
DTIC A-Z**



Interest Areas



**Search
DTIC Collections**



Aquisition and Life Cycle Management Symposium
November 18-19, 2008
Huntsville, Alabama



DEFENSE TECHNICAL INFORMATION CENTER
8725 John J. Kingman Road, Fort Belvoir, VA 22060-6218

[No Fear Act](#) | [Privacy Act](#) | [Web Accessibility](#) | [FOIA](#) | [Contact Us](#)
[Site Map](#) | [Registration](#) | [DTIC A-Z](#) | [Submit Documents](#) | [Interest Area](#) | [Customer Support](#) | [S&T Resources](#)
[Announcements](#) | [Forms & Guides](#) | [IACs](#) | [Find It](#) | [About Us](#) | [USA.gov](#)





Use Drop-down Search Box or Click on More Search Options

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



[Home](#) | [Site Map](#) | [Contact Us](#)

Search **MRAP** **GO** **More Search Options**

S&T Reports **Find It** **About Us**

Technical Reports **IACs**

DTIC Web Site **Font size:**

MultiSearch

Provider of DoD Technical Information to Support the Warfighter

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today.

[Read more ...](#)

Quick Links

[Directions to DTIC](#)
[DTIC Hosted Sites](#)
[DTIC Online Navigation Guide](#)
[Employment](#)
[How Do I?](#)
[MultiSearch](#)
[Training](#)
[Technical Reports \(formerly Public STINET\)](#)

Announcements

Feedback


Heterogeneous Urban RSTA Team:
The Heterogeneous Urban RSTA Team (HURT) initiative is developing integrated tactical planning and battle management systems for heterogeneous collections of unmanned platforms ... [Full Story](#)

Need Support?
[Contact Us](#)

Registration at DTIC

Browse DTIC A-Z

Interest Areas

Search DTIC Collections

Aquisition and Life Cycle Management Symposium
November 18-19, 2008
Huntsville, Alabama



More Search Options: Simple or Integrated Searches

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

More Search Options

Field Specific Search

Full Record: all of these words:
Title: all of these words:
Author: all of these words:

Submit **Clear Form** **Search Tip**

Options

Sort by: Display search results
Summary: On Off Page Modified: Newer Than
Turn on search-term highlighting 0

DoD Sites & Collections: select/de-select all

Services and Agencies

Service Organizations

Army - army.mil and related U.S. Army Web Sites
 Navy - navy.mil and related U.S. Navy Web Sites
 Air Force - af.mil and related U.S. Air Force Web Sites
 Marines - usmc.mil and related U.S. Marine Corp Web Sites
 Coast Guard
 JCS & Combatant Commands

Agencies

DoD Wide Science & Technology Web Sites

Search: Mine Resistant Ambush Protected (MRAP) Vehicle

Search: mráp or “mine resistant ambush protected vehicle”

Search across DoD Web sites & databases or in single source



More Search Options: Simple or Integrated Searches

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Search Categories

- Services and Agencies
 - Service Organizations
 - Army - army.mil and related U.S. Army Web Sites
 - Navy - navy.mil and related U.S. Navy Web Sites
 - Air Force - af.mil and related U.S. Air Force Web Sites
 - Marines - usmc.mil and related U.S. Marine Corp Web Sites
 - Coast Guard
 - JCS & Combatant Commands
 - Agencies
- DoD Wide Science & Technology Web Sites
 - DoD Labs
 - Other DoD
 - DTIC Web Site
- Technical Reports Search Tools
 - Corporate Source
 - DTIC Thesaurus
- DTIC S&T Research
 - Public Technical Reports
- Journal Articles & Conference Proceedings
 - The Air University Library's Index to Military Periodicals (AULIMP)
 - National Defense Industrial Association (NDIA) Conference Proceedings
 - Staff College Automated Military Periodicals Index (SCAMPI)
- Research in Progress
 - Biomedical Research Database (BRD)
- Budget Information
 - DoD Congressional Budget Data
 - Research & Development Descriptive Summaries (RDDS) 2000-present
- Standards, Directives, Guidance
 - Military Critical Technologies List (MCTL)
 - DoD Issuances (Directives and Instructions)

Submit

Clear Form

Search Tips



Locate Favorites from DTIC A-Z or More Search Options Page

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

**Militarily
Critical
Technologies
Support
Joint Chiefs
of Staff (JCS)
objectives.**

**Sections
link to PDF
documents.**

MCTL Militarily Critical Technologies List



[Militarily Critical Technologies List](#)

[Militarily Critical Technologies List \(Revised\)](#)

[Developing Science and Technologies List](#)

[Links](#)



MultiSearch: Searches DoD, Federal, & International Sources

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Screenshot of the Multisearch interface showing search parameters and source filters.

Multisearch

Full Record: [Text Input Field]

Title: [Text Input Field]

Author: [Text Input Field]

Match: All Field(s)

Date Range: Pick Year to Pick Year

Buttons: Search | Reset | Help

Source Filters:

- All Sources**
- DTIC Online Reports Database and Other Resources**
 - DTIC Technical Reports Collection**

The primary purpose of these reports is to disseminate the results of scientific and technical research. Many of the collections described are not limited solely to scientific and technical information but contain additional information relevant to the DoD mission.
 - SCAMPI (Joint Forces Staff College)**

The Joint Forces Staff College Library is a specialized military library, focusing on research in joint and multinational operations, military history and naval science, operational warfare, and operations other than war. Library staff members regularly scan the weekly news magazines, monthly and bimonthly journals such as Military Review, Armed Forces Journal, and quarterly publications, including NATO's Nations and Partners for Peace, RUSI Journal, and the Naval War College Review.
 - AULIMP (Air University Library)**

The Air University Library's Index to Military Periodicals is a subject index to significant articles, news items, and editorials from English language military and aeronautical periodicals. The Index contains citations since 1988 and is updated continuously.
 - Research and Development Descriptive Summaries (RDDS)**

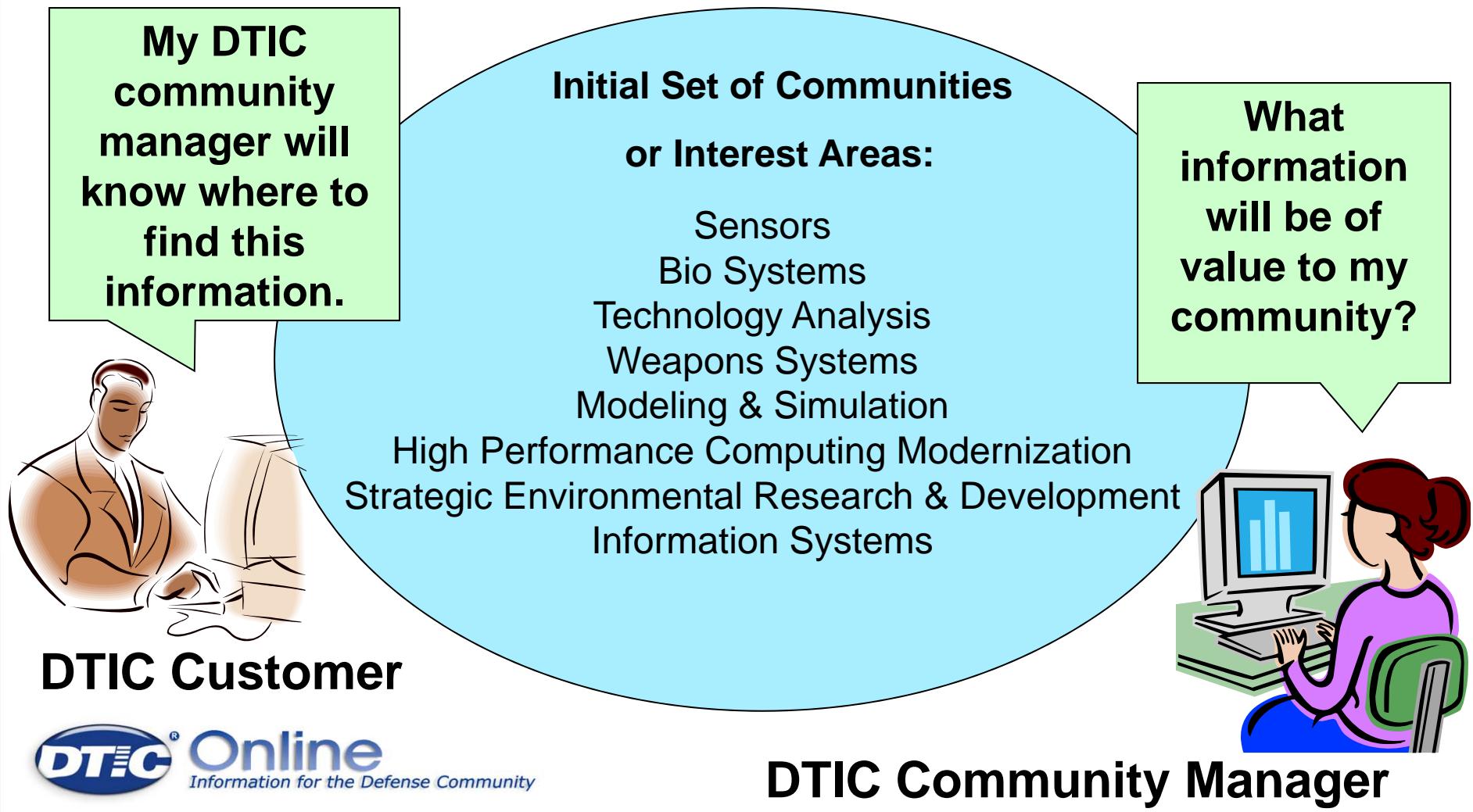
Research and Development Descriptive Summaries (RDDS) furnish narrative and budgetary information on Research, Development, Test and Evaluation (RDT&E) programs and Program Element (PE) numbers within the Department of Defense in a searchable database.
- Other DoD**
 - Army Pubs**

The Army Publishing Directorate is the Army's leader in publishing and distributing information products,



Added Value: Community Managers for Interest Areas

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium





S&T Communities or Interest Areas: Sample Information

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Directories
- Blogs
- Conferences & Meetings
- Research Centers
- IACs
- Universities
- Conference Proceedings
- Documents & Articles
- DoD & Service Guidance
- DTIC Technical Reports
- Books
- Journals
- Web Sites





DTIC Online: Interest Areas

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



Information for the Defense Community

[Home](#) | [Site Map](#) | [Contact Us](#)

Home	Registration	DTIC A-Z	Submit Documents	Interest Areas	Customer Support
Search	DoD Sites & Collections	<input type="button" value="GO"/>			More Search Options
S&T Resources	Announcements	Forms & Guides	IACs	Find It	About Us

You are here: [Home](#) » [communities](#)

Font size: [A](#) [A](#)

[Interest Areas](#)



Interest Areas

Welcome to the Interest Area section of the DTIC Web site. These pages provide access to a very broad range of contacts, associations, blogs, conferences and research institutions appropriate to Science & Technology research communities.

This area is designed for the S&T research community, but is intended to be useful to anyone in the Department of Defense.

If you have comments on the content of any Interest Area Web page, please send them to the Interest Area manager of the specific page.

If you have suggestions for improvement or comments on this Web site, please forward them to ref@dtic.mil.

Interest Areas

- [Air Platforms](#)
- [Biomedical](#)
- [Chemical/Biological Defense](#)
- [Civil Engineering](#)
- [Conventional Weapons](#)
- [Directed Energy Weapons](#)
- [Environmental Quality](#)
- [Ground Vehicles](#)
- [High Performance Computing](#)
- [Human Systems](#)
- [Information Systems](#)
- [Modeling and Simulation](#)
- [Sensors](#)
- [Surface Ships](#)
- [Strategic Environment Research and Development](#)
- [Submarines](#)
- [Weapons Materials/Processes](#)

Last modified: 09/04/08



DTIC Online: One-Stop Shop for Searching

DTIC® Online

Information for the Defense Community

[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#) [Registration](#) [DTIC A-Z](#) [Submit Documents](#) [Interest Areas](#) [Customer Support](#)

Search [DoD Sites & Collections](#) [More Search Options](#)

[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

Font size:

Provider of DoD Technical Information to Support the Warfighter

The Defense Technical Information Center (DTIC®) serves the DoD community as the largest central resource for DoD and government-funded scientific, technical, engineering, and business related information available today.

[Read more ..](#)



[Need Support?
Contact Us](#)



[Registration
at DTIC](#)



[Browse
DTIC A-Z](#)



[Interest Areas](#)



[Search
DTIC Collections](#)



Aquisition and Life Cycle Management Symposium
November 18-19, 2008
Huntsville, Alabama

Quick Links

- [Directions to DTIC](#)
- [DTIC Hosted Sites](#)
- [DTIC Online Navigation Guide](#)
- [Employment](#)
- [How Do I?](#)
- [MultiSearch](#)
- [Training](#)
- [Technical Reports \(formerly Public STINET\)](#)

Announcements

Feedback



TRAIL: Technical Report Automated Information List (Email Alerts)



[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#)

[Registration](#)

[DTIC A-Z](#)

[Submit Documents](#)

[Interest Areas](#)

[Customer Support](#)

[Search](#)

[DoD Sites & Collections](#)

[GO](#)

[More Search Options](#)

[i](#)

[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

You are here: [Home](#) » [stresources](#) » [desresources](#) » [currentAwareness](#) » [trail](#)

Font size: [A](#) [A](#)



Welcome to the

Defense Technical Reports Automated Information List (TRAIL)

[Subscribe](#)

[Update Subscription](#)

S&T Resources

- [Technical Reports \(Public\)](#)
- [Resource Descriptions](#)
- [DTIC Search Tools](#)
- [DTIC Review](#)

TRAIL is a free electronic mailing list that automatically disseminates citations to DTIC's unclassified/unlimited technical reports recently added to the DTIC technical reports database. Our technical reports are categorized according to [DTIC's 25 subject categories](#) and 251 groups and subgroups which are described more fully in the Subject Categorization Guide for Defense Science and Technology.

TRAIL subscribers may choose to receive their first bibliography via email immediately after subscribing; TRAIL listings will follow every two weeks. The bibliography is based on the categories and subgroups chosen on the subscription form.

[Subscribe Now](#)



Select Subject Categories for TRAIL Email Alerts

Please Enter the information below, and choose your desired categories and options to Subscribe:

Email address: *

First Name: *

Last Name: *

* Required Field

**C
h
e
c
k**
**Subject Category
Click the link for
details**

**h
e
l
p**

**Begin by selecting a Subject Category on the far LEFT under "check" column.
Next, deselect any unwanted subgroups in this column.
At any time, click the ? to view the subgroup definitions.
To deselect all "checkboxes" in a Subject Category Click the radio button on the far RIGHT under Reset column.**

**R
e
s
e
t**

01 Aviation
Technology

[?](#)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

02 Agriculture

[?](#)

1 2 3 4 5 6

03 Astronomy
and Astrophysics

[?](#)

1 2 3

04 Atmospheric
Sciences

[?](#)

1 2

05 Behavioral and
Social Sciences

[?](#)

1 2 3 4 5 6 7 8 9

06 Biological and
Medical Sciences

[?](#)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

07 Chemistry

[?](#)

1 2 3 4 5 6

08 Earth Sciences
and
Oceanography

[?](#)

1 2 3 4 5 6 7 8 9 10 11 12

09 Electrotechnology
and Fluidics

[?](#)

1 2 3 4 5 6 7

**10 Power
Production and
Energy
Conversion
(Nonpropulsive)**

1 2 3 4

11 Materials

[?](#)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



Email Alerts with Links to Full-Text Documents

Acquisition and Life Cycle Man

Adobe Reader - [GetTRDoc[1].pdf]

File Edit View Document Tools Window Help

Pages

PUBLIC OPINION AND MEDIA COVERAGE DURING THE IRAQ WAR:
AN EXAMINATION OF MEDIA FRAMING AND PRIMING

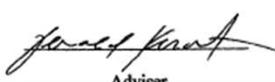
A Thesis

Presented in Partial Fulfillment of the Requirements for
the Degree Master of Arts in the
Graduate School of The Ohio State University

By
Khalid J. Cannon, B.A.

The Ohio State University
2005

Master's Examination Committee
Dr. Gerald Kosicki, Adviser
Dr. Osei Appiah

Approved by

Adviser

2 of 90

Capture, Share, Review 3D Designs

Attachment

Comments

DTIC® Online Information

Full-text digital document can be printed or downloaded **at no charge.**



The DTIC Review

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



[Home](#) | [Site Map](#) | [Contact Us](#)

Home Registration DTIC A-Z Submit Documents Interest Areas Customer Support

Search More Search Options [i](#)

S&T Resources Announcements Forms & Guides IACs Find It About Us

You are here: [Home](#) » [stresources](#) » [dticreview](#)

Font size: [A](#) [A](#)

DTIC Review

The DTIC Review brings its readers the full-text of selected technical reports and a bibliography of other references of interest under one cover. Each issue provides a sampling of documents from our collection on a specific topic of current interest.

The DTIC® Review is compiled quarterly from recent technical reports in DTIC's database, and the selected documents and bibliography are representative of information available in DTIC's extensive collection.

For questions about the DTIC Review, contact us at (703) 767-8266/DSN 427-8266 or via email: bibs@dtic.mil.

To order individual copies, [click here](#) or contact DTIC's Reference Team at 1-800-CAL-DTIC (225-3842), menu selection 1, option 1; or directly at (703) 767-8274/DSN 427-8274; or via email.

S&T Resources

Technical Reports (Public)

- [Resource Descriptions](#)
- [DTIC Search Tools](#)
- [DTIC Review](#)



Current Topics of High Interest

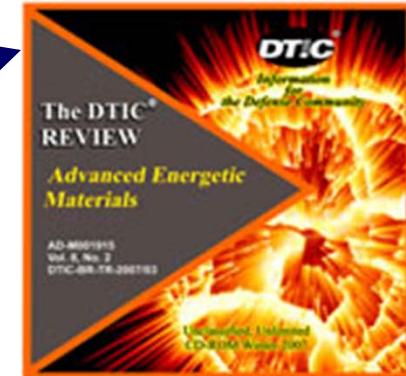
Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Selected, recent, full-text Technical Reports and citations
- Represent information available in DTIC's extensive collection
- Current high interest topics
- Quarterly compilation
- Available:
 - Online
 - Stand-alone CD-ROM



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

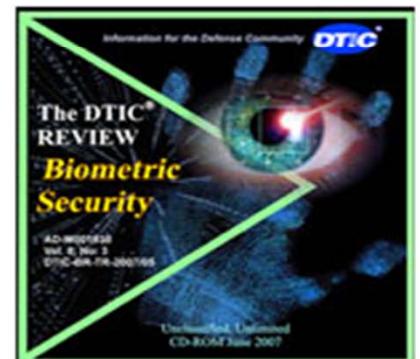
Advanced Energetic Materials
ADM001915
Winter 2006



Non-Lethal Weapons
ADM002089
Summer 2008



Biometric Security
ADM001930
Summer 2007





DTIC Hosted Web Sites for DDR&E and DoD

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



[Home](#) | [Site Map](#) | [Contact Us](#)

[Home](#)

[Registration](#)

[DTIC A-Z](#)

[Submit Documents](#)

[Interest Areas](#)

[Customer Support](#)

[Search](#)

DoD Sites & Collections

[GO](#)

[More Search Options](#)

[i](#)

[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

You are here: [Home](#) » [aboutus](#) » [hostedsites](#)

Font size: [A](#) [A](#)

DTIC Hosted Web Sites

DTIC has leading edge expertise in hosting Web sites. As part of our mission to serve the information needs of the defense community, DTIC is responsible for creating and hosting a number of DoD Web sites.

[DDR&E Web Sites Hosted by DTIC](#)

- DTIC provides Web hosting to the Director, Defense Research and Engineering, including DDR&E Homepage.

[DoD Web Sites Hosted by DTIC](#)

- DTIC has developed more than 100 Web sites for the Department of Defense including the Office of the Secretary of Defense, the Joint Chiefs of Staff and Washington Headquarters Services.

[About Us](#)



[Administrator](#)

[Affiliated Organizations](#)

[Employment](#)

[Email Directory](#)

[Directions to DTIC](#)

[Mission Statement 2008](#)

[Current Research & Initiatives](#)

[DoD programs](#)

[DTIC Hosted Web Sites](#)

Last modified: 08/14/08

Securing Afghanistan Stabilization & Growth



JCOC

U.S. Department of Defense

Joint Civilian Orientation Conference

Connecting America's leaders with their U.S. Armed Forces

[Login](#)[Security & Stabilization](#)[Reconstruction & Opportunity](#)[Home](#)[About JCOC](#)[Nominations](#)[Conferences](#)[Alumni](#)[Contact Us](#)

DEPARTMENT OF DEFENSE

Unexploded Ordnance Center of Excellence (UXOCOE)



Center of Excellence



Tuesday, 27 May, 2008

[UXOCOE](#)[About Us](#)[Library](#)[Capabilities](#)[Data Collection](#)[Links](#)[News & Events](#)[FedBizzOpps](#)[Search the
UXOCOE Site](#)

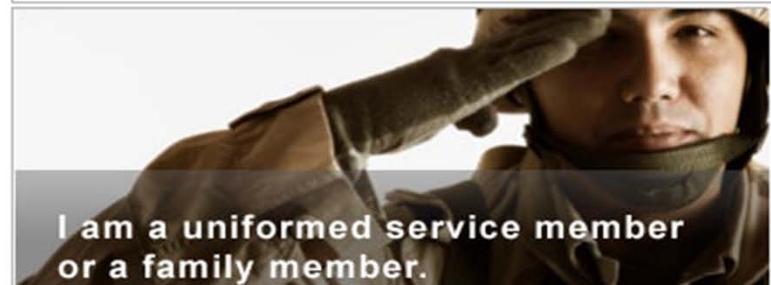
FVAP

FEDERAL VOTING ASSISTANCE PROGRAM

Voting Help For Uniformed Service Members, Their Families, & Citizens Living Outside The U.S.

[For Voting Assistance](#)[HOME](#)[UNIFORMED SERVICES MEMBERS](#)[CITIZENS OUTSIDE U.S.](#)[REFERENCE CENTER](#)[FAQ](#)[CONTACT](#)

To Vote Absentee, Start By Telling Us Who You Are



I am a uniformed service member or a family member.



I am a citizen living outside the U.S.

New in 2008!

The Embedded Librarian

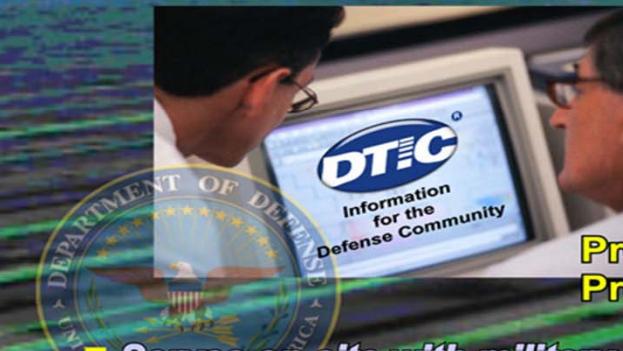
- Active in the field
- Supporting Warfighters

INFORMATION SHARING OPERATIONS



MILITARY LIBRARIES DIVISION

Defense Technical Information Center
Librarian as *Information Broker*



- Anticipates
- Finds
- Analyzes
- Answers
- Informs

Prepares Bibliographies
Prepares Quad Charts

- Serves on site with military exercises
- Provides access to Science & Technology Information
- Uses research expertise & organizational skills
- Focuses on nation's defense





You Are Invited to the 2009 DTIC Annual Conference

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Audience and Presenters

- Information intermediaries
- End users
- STINFO managers
- R&E executives
- DTIC leadership and staff

- Agenda

- Operational, policy updates
- Information collection and dissemination
- New information technologies
- Training for DTIC Resources

2009 CONFERENCE
DEFENSE TECHNICAL INFORMATION CENTER

Defense Scientific & Technical Information

From Discovery to Access



April 6-8, 2009
Hilton Alexandria Old Town
Alexandria, Virginia



www.dtic.mil



Online
Information for the Defense Community





Questions for Regional Offices?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

DTIC Northeastern Regional Office (MA)
781-377-2413 or boston@dtic.mil

DTIC Midwestern Regional Office (OH)
937-255-7905 or dayton@dtic.mil

DTIC Southwestern Regional Office (NM)
505-846-6797 or albuq@dtic.mil

DTIC Western Regional Office (CA)
310-653-2483 or losangel@dtic.mil



Questions about Registration?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Mr. James Fletcher

Chief, Marketing & Registration Division

703-767-8238 or jfletche@dtic.mil

Registration Team

703-767-8273 or reghelp@dtic.mil



Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- “Ask a Librarian” virtual reference service on DTIC homepage (Online form on www.dtic.mil)
- Email: ref@dtic.mil
- Fax: 703-767-8228
- Telephone
703-767-8274
1-800-CAL-DTIC (225-3842)





Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Ms. Helen Q. Sherman
Director
User Services Directorate
Defense Technical Information Center
hsherman@dtic.mil
<http://www.dtic.mil>



Disclaimer of Endorsement

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

Reference herein to any specific commercial products, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government, and shall not be used for advertising or product endorsement purposes.